

**ELECTRONIC INFORMATION MANAGEMENT SYSTEM
FOR ABSTRACTING AND REPORTING DOCUMENT INFORMATION**

Technical Field and Background of Invention

[0001] This invention relates to an electronic information management system for abstracting and reporting document information. The invention has particular utility as an information management tool for lease contracts in the commercial real estate industry. In effort to alleviate the inherent inefficiencies of a traditional paper environment, the invention provides a globally-accessible electronic system applicable for contract abstracting, centralized data warehousing, customized information reporting, and electronic data conversion. These features allow users, even if in different locations, to access the same documents and data at the same time. And by offering these features within one software system, the invention eliminates the costly and unnecessary storing of redundant information across multiple platforms.

[0002] The invention contains electronic records with hundreds of fields used to house pertinent financial and non-financial information of a lease and its supporting documents, such as rent rolls, square footage reconciliations, and correspondence. More importantly, the invention stores all of this data in one central database, thereby avoiding unnecessary and costly storing of redundant information. In addition to storing abstracted information, the invention can create any type of report from this stored data. The result is an accurate, organized, manageable summary of the lease and its terms coupled with the ability to produce reports specifically tailored to the individual needs of each user.

[0003] Typical contract information abstracted, evaluated, and verified using the present invention includes (i) *General Lease Information*, e.g., property name, lease status, important

dates, suite information, contact/notice parties; (ii) *Financial Information*, e.g., rent schedules, recurring charges, percentage rental, renewal options, improvement allowances, commissions, security deposits, late fees; (iii) *Non-Financial / Legal Information*, e.g., tenant and landlord covenants, tenant and landlord restrictions, exclusive rights, use restrictions, co-tenancy requirements, laws and ordinances, insurance requirements, default specifications, damage specifications, marketing and promotions, holdover, kick out, relocation, radius restrictions; (iv) *Operational Information*, e.g., landlord and tenant maintenance, structural repairs and HVAC tracking & forecasting; and (v) *Lease Issues*, e.g., A unique field in which all inconsistencies and discrepancies found between the lease and its supporting documents are recorded. Common issues include rent roll miscalculations, incomplete subletting/assignment information, and Tenant name-change histories.

Data warehousing

[0004] Inherent to any database application is the electronic storage of data. In commercial real estate, the due diligence process is often hampered by the *dispersion* of data, as information is generally stored in multiple programs or applications such as your accounting system and Microsoft Word or Excel. The invention alleviates this hindrance, as it stores all relevant financial and non-financial information in one centralized location. More importantly, the information can be accessed via the Internet by an unlimited number of people in different locations at the same time.

Electronic storage of lease documents

[0005] The invention further enables the *indexing* of scanned or electronically stored lease documents contained in the system. Standard lease documents may include, for example,

the lease itself, exhibits, amendments, estoppel certificates, insurance certificates, site plans, floor plans, aerial photographs, and the like. Once these documents are indexed, the user can then *drill down* to a specific desired document, or to an exact clause within a document, while simultaneously viewing a user-created summary of the indexed document or clause. This technology virtually eliminates the need and cost of duplicating lease files, and the time wasted searching for misplaced lease files, contracts, and other paper documents. By implementing the system of the present invention, the efficiencies realized over time are beyond measure.

Information reporting

[0006] The invention is a relational database; i.e., it stores information in a multitude of individual, interactive tables. This significantly enhances reporting functionality as the software divides the masses of relevant data into readily identifiable and accessible tables of information.

[0007] The invention provides the unique ability to quickly and conveniently produce reports specifically tailored to the individual needs of each user—whether its a standard report, such as rent rolls, financial and non-financial lease summaries; or a property-level report, such as co-tenancy restrictions, HVAC, and tenant exclusive rights; or a custom report that caters exclusively to user requirements, such as options and recoveries information.

Data conversion

[0008] The invention is designed to facilitate the importing and exporting of data in either a one-to-one base conversion or a multi-base conversion. By utilizing a relational database, the invention readily transfers data, regardless of where the data is currently stored or where

it is to be moved. In a one-to-one base conversion, information currently housed in one database or location is imported into the present system and is then verified. This data is then manually entered into a new-user accounting system from reports produced by the invention, and in a format corresponding directly to that of the new-user accounting system. A multi-base conversion is applicable to information stored in a number of different programs, such as Microsoft Word, Microsoft Excel, Lotus, SQL, FoxPro, Paradox, and MRI. In this case, because the information would be more useful if accessible from a single program, the invention can import the data from these various locations and combine them all in one central database.

Summary of the Invention

[0009] Therefore, it is an object of the invention to provide an electronic information management system applicable for abstracting and reporting document information in an efficient and convenient manner.

[0010] It is another object of the invention to provide an electronic information management system which is particularly applicable to property leases in the commercial real estate industry. The term "property" refers broadly to any real estate including, for example, a shopping center or office building.

[0011] It is another object of the invention to provide an electronic information management system which enables lease abstracting, centralized data warehousing, customized information reporting, and electronic data conversion.

[0012] It is another object of the invention to provide an electronic information management system which utilizes a computer. The term "computer" as used herein refers broadly to any

device which receives, processes, or presents data.

[0013] It is another object of the invention to provide an electronic information management system which employs an indexing technique enabling a user to capture and view selected text of a lease document relating only to a desired subject of the lease in isolation from the remaining text of the lease document.

[0014] It is another object of the invention to provide an electronic information management system which enables complete, concise, and accurate summarization of lease clauses by direct reference to the actual lease language appearing simultaneously in a single computer screen.

[0015] It is another object of the invention to provide an electronic information management system which allows users to drill down into the electronically-stored lease document to retrieve and display select lease clauses within the lease document.

[0016] It is another object of the invention to provide an electronic information management system which includes a central database accessible by multiple users at the same time via a global communications network, such as the Internet.

[0017] It is another object of the invention to provide an electronic information management system which virtually eliminates the costly and unnecessary storing of redundant information across multiple platforms.

[0018] It is another object of the invention to provide an electronic information management system which creates an accurate, organized, and manageable summary of lease information together with the ability to produce reports specifically tailored to the individual needs of each user.

[0019] It is another object of the invention to provide an electronic information management system which enables a user to generate customized reports of information contained in a single lease, for multiple leases within a single property, and for multiple leases within multiple properties.

[0020] These and other objects of the present invention are achieved in the preferred embodiments disclosed below by providing an electronic information management system for abstracting and reporting document information. The system utilizes a computer which communicates with an electronic database. An input device is operatively connected to the computer for entering document information into the database. A plurality of electronic indexing tags are provided at predetermined locations within the stored document information to capture and retrieve selected portions of the document information. A display device is operatively connected to the computer for displaying the selected portions of document information in isolation separate from non-selected portions of document information.

[0021] According to another preferred embodiment of the invention, the document information includes text relating to multiple different subject matters, and the tags are located within the document information to capture and retrieve text relating to a desired one of the multiple different subject matters.

[0022] In another embodiment, the information management system is applicable for abstracting and reporting contract information. A section summary is prepared for each of the indexed contract sections. The summary is recorded in a field electronically linked to at least one of the indexing tags, such that a user viewing the section summary can drill

down into the stored contract information to retrieve the contract section corresponding to the at least one electronically linked indexing tags. A display device is operatively connected to the computer for simultaneously displaying the section summary and the corresponding contract section.

[0023] According to another preferred embodiment of the invention, the database includes a plurality of contract abstracting fields adapted for being populated by the user based on data contained in the contract information.

[0024] According to yet another preferred embodiment of the invention, the contract information is a commercial real estate lease.

[0025] According to yet another preferred embodiment of the invention, the database includes a plurality of separate electronic records containing a corresponding plurality of commercial real estate leases stored in the database.

[0026] According to yet another preferred embodiment of the invention, the data recorded in the contract abstracting fields is selected from a data group consisting of tenant identification, landlord identification, lease term dates, leased space information, landlord costs, minimum rent, recurring charges, percentage rent, non-financial, contacts, lease issues, renewal options, security deposits, late fees, and estoppels.

[0027] According to yet another preferred embodiment of the invention, the system includes means for generating a customized report of data contained in selected ones of the contract abstracting fields.

[0028] According to yet another preferred embodiment of the invention, the section summary includes a copied portion of the tagged section of contract information.

[0029] According to yet another preferred embodiment of the invention, the electronic database is accessible by multiple users at the same time via a global communications network.

[0030] In another preferred embodiment, the invention is an electronic information management process for abstracting and reporting contract information. The process includes the first step of entering contract information into an electronic database. A plurality of electronic indexing tags are then inserted at predetermined locations within the stored contract information to identify respective sections of the contract information. A section summary is then prepared for each of the indexed contract sections. The section summary is recorded in a field of the database. The section summary field is electronically linked to at least one of the indexing tags, such that a user viewing the section summary can drill down into the stored contract information to retrieve the contract section corresponding to the at least one electronically linked indexing tag. The section summary and the corresponding contract section can then be simultaneously displayed to the user within the same screen of the display device.

[0031] According to another preferred embodiment of the invention, the process includes the step of populating a plurality of contract abstracting fields of the database based on data contained in the contract information.

[0032] According to yet another preferred embodiment of the invention, the process includes the step of creating a plurality of separate electronic records for a corresponding plurality of commercial real estate leases stored in the database.

[0033] According to yet another preferred embodiment of the invention, the process includes

the step of generating a customized report of data contained in selected ones of the contract abstracting fields.

[0034] According to yet another preferred embodiment of the invention, the process includes the step of copying a portion of the tagged section of contract information into the section summary.

[0035] According to yet another preferred embodiment of the invention, the process includes the step of making the electronic database accessible to multiple users via a global communications network.

[0036] In still another preferred embodiment, the invention is a computer readable memory medium encoded with data representing a computer program adapted for use by a computer to direct the computer to execute a process for abstracting and reporting contract information. The memory medium includes means for entering contract information into an electronic database. Means are provided for inserting a plurality of electronic indexing tags at predetermined locations within the stored contract information to identify respective sections of the contract information. Means are also provided for electronically linking a section summary prepared for each of the indexed contract sections to at least one of the indexing tags, whereby a user viewing the section summary can drill down into the stored contract information to retrieve the contract section corresponding to the at least one electronically linked indexing tag. Means are also provided for simultaneously displaying the section summary and the corresponding contract section.

[0037] According to another preferred embodiment of the invention, the memory medium includes means for populating a plurality of contract abstracting fields of the database based

on data contained in the contract information.

[0038] According to yet another preferred embodiment of the invention, the memory medium includes means for generating a customized report of data contained in selected ones of the contract abstracting fields.

[0039] According to yet another preferred embodiment of the invention, the memory medium includes means for creating a plurality of separate electronic records for the contract information stored in the database.

Brief Description of the Drawings

[0040] Some of the objects of the invention have been set forth above. Other objects and advantages of the invention will appear as the description proceeds when taken in conjunction with the following drawings, in which:

[0041] Figure 1 is a print out of the "Lease Information" screen for an electronic information management system according to one preferred embodiment of the invention;

[0042] Figure 2 is a print out of the "Space Information" screen;

[0043] Figure 3 is a print out of "Minimum Rental" screen;

[0044] Figure 4 is a print out of the "Recurring Charges" screen;

[0045] Figure 5 is a drop-down window listing different types of recurring charges;

[0046] Figure 6 is a print out of the "Percentage Rental" screen;

[0047] Figure 7 is a print out of the "Lease Document" screen displaying a lease document to be indexed;

[0048] Figure 8 is a print out of the "Non-Financial (Legal) Information" screen, and displaying a separate window containing actual lease language obtained by drilling down

into the stored lease document;

[0049] Figure 9 is a print out of the "Non-Financial (Legal) Information" screen;

[0050] Figure 10 is a print out of the "Contacts for Lease" screen;

[0051] Figure 11 is a print out of the "Lease Issues" screen;

[0052] Figure 12 is a print out of the "Renewal Options Detail" screen;

[0053] Figure 13 is a print out of the "Security Deposits" screen; and

[0054] Figure 14 is a print out of the "Late Fee/Estoppel" screen.

Description of the Preferred Embodiment and Best Mode

[0055] An electronic information management system for abstracting and reporting contract information (the "System") according to the present invention is described below with reference to the drawings, Figures 1-14. While the System has particular application to the commercial real estate industry, the principles employed can be applied to any other industry for purposes of convenient and efficient information management and reporting. The System utilizes a central database containing a multitude of individual lease records including data fields populated by lease abstractors. Multiple users access the System database via the Internet from a computer workstation including standard hardware equipment, such as a computer, keyboard, mouse, and display monitor, and suitable communication means, such as a modem or wireless connection. Each user has a personal login name and password for purposes of maintaining confidentiality while affording the user limited access to the System's central database.

General Lease Information

[0056] In the "Lease Information" screen shown in Figure 1, the abstractor records

characteristics of a given property and space based on information provided in the lease document. The *Property ID* field records an abbreviated or code name for the particular property in which the tenant's space is located. The complete full name of the property is recorded in the *Property Name* field. The *Lease ID* field records a predefined coding convention identifying the particular tenant using the name under which the tenant does business in the leased premises, i.e., its *DBA Name*.

[0057] According to one applicable coding convention, the *Lease ID* field contains a maximum of 12 alpha, numeric, or alphanumeric characters. The first character of the coding convention is the letter 'L'. The coding convention then takes the first four characters of the tenant's first name and the first two characters of the tenant's second name. The last two characters of the code are numeric and serve as tiebreakers. For example, if the tenant is Radio Shack, the *Lease ID* would be LRADISH01. When the tenant's first name is shorter than four characters, the tenant has no second name, or the tenant's second name is only one character, a backslash ('\') is used in place of each missing character in the *Lease ID*. Thus, if the tenant were operating a restaurant named J. Paul's, the *Lease ID* would be LJ///PA01.

[0058] The last two characters of the coding convention are used to differentiate between tenants with similar names or tenants with multiple leases within one property. The last two characters, or "tiebreakers", start with the number "01". Thus, if a tenant has a second lease within the property which would otherwise have the same *Lease ID*, then the last two characters of the coding convention for the second lease would be "02". Tiebreakers are also useful when two tenants within one property have similar, but not identical names (e.g.,

“Radio Shack” and “Radiators, Shocks and Lube Service”). In this case, one tenant will have a *Lease ID* of LRADISH01 and the other tenant will have a *Lease ID* of LRADISH02 in order to distinguish the two.

[0059] The *Tenant ID* is a coding convention used to identify the tenant’s legal or corporate name. The *Tenant ID* coding convention consists of nine alphanumeric characters. According to this convention, the first character will always be a “T”. The coding convention takes the first four characters of the tenant’s first name and the first two characters of the tenant’s second name. The last two characters of the code are numeric and serve as tiebreakers. For example, if the tenant is Tandy Corporation, then the *Tenant ID* would be TTANDCO01. When the tenant’s first name is shorter than four characters, the tenant has no second name, or the tenant’s second name is only one character, a backslash (“/”) is used in place of each missing character in the *Tenant ID*. Thus, if the tenant’s corporate name is Top Hat, Inc., then the *Tenant ID* would be TTOP/HA01.

[0060] The last two characters of the coding convention are used to differentiate between tenants with similar names or tenants with multiple leases within one property. The last two characters, or “tiebreakers”, start with the number “01”. Thus, if a tenant has a second lease within the property which would otherwise have the same *Tenant ID*, then the last two characters of the coding convention for the second lease would be “02”. Tiebreakers are also useful when two tenants within one property have similar names and identical *Tenant IDs* (e.g., Hallmark Cards and Hallworth's Cafe). In this case, one tenant has a *Tenant ID* of THALLCA01 while the other has a *Tenant ID* of THALLCA02 in order to distinguish the two. If a tenant leases multiple spaces within one building but has executed a different

lease for each space with the landlord, each different lease will still have the same *Tenant ID*. The tie-breaker is not applicable in this case since there is only one tenant competing for the particular *Tenant ID*. The *Lease IDs* will change, however, for each different space. If the tenant leases multiple spaces in the same building, but has only one lease for all multiple spaces, then the tenant will again only have one *Tenant ID* for all spaces. If the tenant's legal and DBA names are identical, such as McDonalds Corporation, then the tenant's *Lease ID* and *Tenant ID* will be the same.

[0061] The *Legal Name* field of the "Lease Information" screen identifies the tenant's formal corporate name. For Example, Radio Shack's *DBA Name* is "Radio Shack", but it's *Legal Name* is "Tandy Corporation". In some cases, the DBA and legal names may be identical.

[0062] The *Lease Status* field refers to the current legal relationship between the tenant and the landlord. Examples of lease categories within this field include those with are active, terminated, in holdover, awaiting rent commencement, in litigation, month-to-month, in default, or assigned. The *Lease Type* field refers to the specific type of lease that is being abstracted. For example, a "NET" lease is one that requires the tenant to pay 100% of its proportionate share of recoveries (such as CAM, taxes, and insurance) in addition to the tenant's obligation to pay base rent. A "Base Year" lease is one that requires the tenant to pay its proportionate share of all operating expenses that exceed a base amount. A "Gross Lease" is one that either includes recovery charges as part of rent or charges the tenant no recoveries at all. A "Sublease" is one under which the subtenant pays rent directly to the original landlord. Generally, however, the subtenant pays rent to the original tenant, who in turn, pays rent to the landlord.

[0063] The *Project ID* field identifies the name of the overall project. The *Region ID* field records the regional locale of the property. The *Portfolio ID* field records the name of the project portfolio. When the abstractor creates a new lease record and selects a *Property ID* for the record, as described above, each of these three fields are filled automatically.

[0064] The *Total Building SF* records the amount of gross leasable square footage in the entire property. Also, in some cases, the lease may guarantee to the tenant the use of a specific number of parking spaces in the property, but may further require that the tenant pay a monthly fee per space in return. The *Billable Parking Spaces* field refers to the number of parking spaces for which the tenant is charged a fee. If there are no billable parking spaces, the amount of rentable square footage contained in the tenant's leased premises will appear on any lease report containing the *Billable Parking Spaces* field.

[0065] The *Tenant Pro Rata Share* field defines the ratio that the leasable square footage of the tenant's premises bears to the total gross leasable square footage in the property. The tenant's pro rata share is typically defined in the lease as a percentage, and is used to determine the tenant's proportionate share of the expenses of maintaining, operating and insuring the property.

[0066] The *Execution Date* field records the date on which the original lease agreement was signed. The *Begin Date* field is the lease commencement date, or the date on which the lease term starts. The *Occupancy Date* field provides the actual date on which the tenant takes possession of the leased space. If no occupancy date is given, it is generally presumed to be the same as the *Begin Date*. The *Rent Start Date* records the date on which the tenant must first start paying rent. If the tenant is entitled to free rent or rent abatement,

this field will reflect the abatement period. The *Expiration Date* is the date on which the lease term ends. The *Vacate Date* is the date on which the tenant physically moves out of the leased space. Since this information is generally unknown at the time of abstracting, this field is generally left blank. The *Lease Term in Months* field automatically calculates the number of months in the lease term.

[0067] The *Sublet From* field indicates whether the lease is a sublease. If the lease is not a sublease, this field is left blank. If the lease is a sublease, then the *Sublease Level* field records the number of times that the original tenant's premises has been subleased, prior to and inclusive of the execution of the current sublease. If the lease is a sublease from the original, primary tenant, then the sublease level would be "1". If the lease is a sublease from another sublessee (who is subleasing from the primary tenant), then the sublease level would be "2".

[0068] The North American Industry Classification System (*NAICS*) *Type* field refers to the general industry that characterizes the tenant's business. The *NAICS Designation* field refers to the specific type of business that the tenant intends to carry on in the leased premises within the property.

Space Information

[0069] Detailed space information for a given property is recorded in the fields of a "Space Information" screen shown in Figure 2. To access the "Space Information" screen, the abstractor mouse-clicks on the *Suite Edit* button provided on the "Lease Information" screen discussed above. The space information fields are unique to each suite occupied by the tenant within the property. To create a new space record, the abstractor simply selects a

suite number from the *Suite Number* drop-down box, and then fills in the fields applicable to the particular lease being abstracted. To create an additional space record, the abstractor mouse-clicks on the *New* button and repeats the above steps. Preferably, a counter keeps track of the total number of suites that the tenant is leasing within the property. To scroll through the different suites, the abstractor clicks on the direction buttons provided in the “Space Information” screen. To delete an individual suite record, the abstractor clicks on the “delete” button.

[0070] The *Property ID and Lease ID* fields in the “Space Information” screen are populated automatically when the abstractor selects the *Suite Edit* button in the “Lease Information” screen. The property and lease IDs in this screen are carried forward from the property and lease IDs of the “Lease Information” screen. The space *Type* field records the tenant’s intended use of the particular space. Possible types include office, retail, and warehouse. The *Floor* field records the number of the floor on which the tenant’s space is located. This field is populated automatically, as the floor number is tied to the suite number. The *Class* field records the specific class of the tenant’s individual space. Examples of possible class types include EXP (Expansion), NEW (New), REL (Relocation), EM (Remeasured), REN (Renewal), and STT (Sublease to Tenant).

[0071] The *Space Number* field refers to the specific number of the tenant’s space. For example, if the tenant is only leasing one space in the property, then the space number is “1”. The *Suite Number* field identifies the suite address of the individual space in which the tenant’s premises is located. The *Space Start Date* is the date on which the tenant first began leasing the particular space. The *Space End Date* is the date on which the tenant’s

lease for the particular space terminates. If the space has been subleased to another party, the *Sublet to* field records the lease ID of the subtenant. The *Sublease Start Date* is the date on which the sublease term begins. The *Sublease End Date* is the date on which the sublease term expires.

[0072] The square footage fields refer to the various amounts of square feet that the tenant's space occupies within the property. The square footage fields are populated automatically, but can be manually entered if the data pulled in is incorrect. The *Useable Sq. Ft.* field records the total amount of gross leasable square feet in the tenant's space. The *Min. Useable* field records the minimum amount of gross leasable square feet in the space. The *Rentable Sq. Ft.* field records the maximum amount of square feet within the space for which the tenant is required to pay rent. The *Min. Rentable* field records the minimum amount of square feet within the space for which the tenant is required to pay rent.

[0073] Certain landlord costs are also provided for in the "Space Information" screen. These fields are populated by the abstractor based on the costs (if any) that the landlord incurs as consideration for the tenant's execution of the lease. For example, if the landlord is required to contribute an amount towards the cost of construction of the tenant's improvements within the leased premises, the *Landlord Improvement Allowance* field records the amount of the landlord's contribution. If the lease gives the amount of the landlord improvement allowance as a per-square-foot charge, this amount is converted into a dollar amount for the entire space. If the cost of construction of the tenant's improvements exceeds the amount that the landlord is required to contribute, then this excess dollar amount is recorded in the *Tenant Improvement Excess* field. If the lease

requires that the tenant change its location within the property (either prior to lease commencement or during the lease term), the *Moving Allowance* field records the amount (if any) that the landlord is required to reimburse the tenant for the costs incurred in moving between suites.

[0074] The *Inside Commissions Amount* field records the total dollar amount of the inside leasing commission. The *Outside Commissions Broker* field records the name of the outside broker. The *Outside Commissions Amount* field records the dollar amount of the outside leasing commission. The *Outside Commissions Agent* field records the name of the outside leasing agent for the lease. The *Landlord Costs Notes* field is reserved for language describing the landlord's obligation to pay any monies to the tenant. This field may also include any calculations made in deriving the landlord allowance or expense.

Lease Terms and Provisions

[0075] To begin abstracting specific lease terms and provisions, the abstractor returns to the "Lease Information" screen of Figure 1 by selecting the *Back* button on the "Space Information" screen of Figure 2. In the "Lease Information" screen, the abstractor clicks on the *Minimum Rent* button to display a "Minimum Rental" screen containing the fields shown in Figure 3.

Minimum Rental

[0076] The minimum rent, or "base rent", represents the minimum amount of rent that the tenant must pay under the lease, exclusive of CAM, taxes, insurance and any other recurring charge. If the amount of base rent increases at any time in the future, this future base rent increase is called a "rent bump". The base rent generally bumps on either the anniversary

of the lease commencement date, or on the anniversary of the first day of the month following the commencement date. If the tenant is leasing more than one suite from the landlord, a table will appear on the "Minimum Rental" screen listing each of the tenant's suites. By double-clicking on an individual suite, the abstractor can access the minimum rent fields for that particular suite. To switch to another suite, the abstractor simply clicks on the *Change Suite* button and re-selects from the list of suites appearing on the screen.

[0077] The *Property ID*, *Lease ID*, *Suite Number*, and *Square Footage* fields in the "Minimum Rental" screen are populated automatically based on information carried forward from the "Lease Information" and "Space Information" screens previously discussed. Thus, information recorded in the *Property ID* and *Lease ID* fields should match that recorded in the *Property ID* and *Lease ID* fields of the "Lease Information" screen. Information recorded in the *Suite Number* field should match that recorded in the *Suite Number* field of the "Space Information" screen. Information recorded in the *Square Footage* field should match that recorded in the *Rentable Square Footage* field of the "Space Information" screen.

[0078] The *Base Rental Type* field records the type of space for which the tenant is paying rent. Examples of base rental types include BRT (Base Rent Retail), wherein the tenant pays base rent on a retail space, BRN (Base Rent Office), wherein the tenant pays base rent on an office space, BRS (Base Rent Storage), wherein the tenant pays base rent on a storage space, and BRE (Base Rent Residential), wherein the tenant pays base rent on a residential unit. The *Payment Type* field refers to how often the tenant must pay minimum rent. The tenant generally pays minimum rent monthly, quarterly, semi-annually or annually. The *Current Rental* field records the amount of minimum rent that the tenant is paying as of the

date of lease abstraction. The *Lease Term Type* refers to the manner in which tenant is required to pay minimum rent. Typically, the tenant pays minimum rent on either a lease, calendar, or fiscal year basis. The *Lease Term Defined* field refers to the determination of when the lease term starts and when the rent bumps occur. Rent bumps generally occur either on the anniversary of the lease commencement date (LCD) or on the first day of the month following the anniversary of the LCD.

[0079] The *Future Rental Activity* fields record the amounts of minimum rent that the tenant must pay and the respective dates on which each amount takes effect, starting with the initial amount of rent. In the first *Effective Date* field, the abstractor records the date on which the tenant first started paying minimum rent. All subsequent rent bump dates are recorded in the *Effective Date* fields below this. In the *Monthly* field, the abstractor records the amount of rent that the tenant must pay on a monthly basis (assuming that rent is paid monthly). The *Annual* and *Per Square Foot* fields are then computed automatically by the System.

[0080] In some cases, rather than listing specific future minimum rent amounts, the lease will tie future minimum rent increases (adjustments) to a change in the Consumer Price Index (CPI). In other words, minimum rent will increase by an amount equal to a fraction, the numerator of which is the CPI for the current adjustment date and the denominator of which is either a base CPI index or an adjusted CPI index. If minimum rent is to increase according to the CPI, the abstractor records this fact in the *Minimum Rental Notes* field and then populates the fields provided in the *Consumer Price Index* section of the "Minimum Rental" screen.

[0081] In the *Consumer Price Index* section, the *CPI Table* refers to the specific index used as the CPI. The *CPI Floor* field refers to a requirement that there be a minimum increase in the CPI adjustment of rent. The CPI floor usually takes the form of a percentage. The *Review Type* field refers to the type of base index used in determining how much base rent should increase. A CPI calculation with a fixed base index means that the denominator in the fraction used to determine by how much base rent should increase never changes. The denominator will always be the CPI for the month preceding the lease commencement date. A CPI calculation with an adjusted base index means that the denominator always changes. In this case, the denominator will be the CPI for the month preceding the start of the year prior to the adjustment date. The *Frequency* field refers to how often base rent increases according to the CPI. If the increase in base rent according to the CPI does not occur every year, but instead increases so that the CPI increase represents an increase over a prior amount rather than an increase over the immediately prior year, the frequency is referred to as being "over prior increase" (OPI). If the increase in base rent according to the CPI occurs every year, then the frequency is "over prior year" (OPY). If the increase in base rent according to the CPI is limited to a cumulative percentage amount, then the frequency is referred to as being "prior year cumulative/compound" (PYC). The *CPI Cap* field refers to a requirement that the CPI adjustment of rent not exceed a certain percentage or amount. The *Comment* field records the CPI adjustment month and the CPI adjustment dates. The CPI adjustment month is provided first, followed by a list of all of the Adjustment Dates. The *Minimum Rental Notes* field records any significant information about minimum rent, such as CPI adjustment or rent abatement. If the tenant's rent is inclusive of recovery

charges, such as CAM, taxes and insurance, this fact is also indicated in the *Notes* field.

Recurring Charges

[0082] After populating the minimum rental fields, the abstractor selects the *Back* button to return to the “Lease Information” screen. From this screen, the abstractor mouse-clicks on the *Recurring Charges* button to access the “Recurring Charges” screen shown in Figure 4. This screen contains multiple recoveries fields, discussed below, for recording charges that the tenant must pay to the landlord on a repeating basis as reimbursement to the landlord for the cost of maintaining, operating and insuring the property. Common examples of recurring charges include CAM (common area maintenance), insurance, real estate taxes, and operating expenses.

[0083] If the tenant is leasing more than one suite from the landlord, a table will appear in the “Recurring Charges” screen listing each of the tenant’s suites. By double-clicking on an individual suite, the abstractor can access the recoveries fields for that particular suite. To switch to another suite, the abstractor clicks on the *Change Suite* button and selects another suite from the list displayed on the screen.

[0084] The *Property ID*, *Lease ID*, *Suite Number*, and *Square Footage* fields are automatically populated upon accessing the “Recurring Charges” screen based on information carried forward from the “Lease Information” and “Space Information” screens previously discussed. Thus, information recorded in the *Property ID* and *Lease ID* fields should match that recorded in the *Property ID* and *Lease ID* fields of the “Lease Information” screen. Information recorded in the *Suite Number* field should match that recorded in the *Suite Number* field of the “Space Information” screen. Information recorded in the *Square Footage*

field should match that recorded in the *Rentable Square Footage* field of the "Space Information" screen.

[0085] The *Category* field records the specific type of recurring charges that the tenant must pay. Examples of recurring charges types are indicated in Figure 5.

[0086] The *Recovery Calculation Type* field refers to the particular recovery charge. This field records the portion of the landlord's expenses that must be paid by the tenant. The tenant typically pays a pro rata share of these expenses. Some leases require the tenant to pay a capped pro rata share of the recurring charge. In this case, the tenant generally pays the entire amount of its proportionate share of the recurring charge with an annual increase in the tenant's proportionate share being capped at a specific amount. Alternatively, the tenant's proportionate share itself may be capped at a specific amount. The cap amount is recorded in the *Cap Amount* field, or, if applicable, the percentage of the cap is recorded in the *Cap Percent* field. In other cases, the recurring charge is defined by a portion of the recurring expense that exceeds a predetermined base year amount. This base year amount (if known) is recorded in the *Base Amount* field, and the base year recorded in the *Notes* field. The *Payment Type* field records how often the tenant must pay its recurring charge. Payments are generally made either monthly, quarterly, semi-annually, or annually.

[0087] The *Current Amount* field records the amount of the recovery charge that the tenant is paying as of the date of abstraction. Three significant expenses are generally included in the tenant's recurring charges—an administrative fee, a management fee, and capital expenditures. These charges are recorded by the abstractor in the *Admin Fee*, *Mgmt Fee*, and *Cap X* fields, respectively.

[0088] The "major tenants" of the property are generally defined in the lease as those tenants leasing space in excess of a specified number of square feet. The *Major Tenants* fields refer to the determination of the tenant's pro rata share of the recurring charges. The lease generally defines the tenant's pro rata share using a fraction, the numerator of which is the number of square feet in the tenant's leased premises, and the denominator of which is the total gross leasable (or leased) space in the property. This fraction either includes or excludes the property's major tenants. If the lease includes in the denominator all leasable (or leased) space in the property, then major tenants are *included*. If the lease excludes from the denominator major tenants, then major tenants would be *excluded* from the recurring charge. Any information that further distinguishes the major tenants is recorded in the *Description of Major Tenants* field.

[0089] In some cases, rather than listing specific future recurring charge amounts, the lease will tie future recurring charge increases to the change in the Consumer Price Index (CPI). If the recurring charge is to increase according to the CPI, the abstractor notes this fact in the *Notes* field and then populates the applicable CPI fields. The *CPI Table* field records the specific index used as the CPI. The *CPI Floor* records a requirement that there be a minimum increase in the CPI adjustment of the recurring charge. The CPI floor is generally a percentage. The *Review Type* field records the type of base index used to determine the amount of recurring charge increase. The *Comment* field is reserved for the CPI adjustment index month and a list of the CPI Adjustment dates. The CPI adjustment index month is provided first, followed by a list of all of the adjustment dates, e.g., "JAN;09/15/99,00,01,02,03,04". In this example, January is the CPI adjustment month,

September 15, 1999 is the adjustment date, and the adjustment years are 2000, 2001, 2002, 2003, and 2004.

[0090] The *Future Activity* section of the "Recurring Charges" screen records the initial amount of and any future increases in the tenant's recurring charge. The *Effective Date* field records the dates on which each monthly charge takes effect. The *Monthly* field records the monthly amount of such charge. The *Annual* field represents the annual amount of the tenant's recurring charge. The *Per Square Foot* field represents the amount of the recurring charge per square foot of the tenant's leased premises. Both the per square foot and annual amounts of the recurring charge are computed automatically after recording the monthly amount (if known). The *Notes* field records any information unique and important to each recovery charge, such as the base year for base year charges, or whether gross-ups are used in the calculation of the tenant's recurring charge.

Percentage Rental

[0091] In some leases, the tenant is required to pay the landlord a specific percentage of any gross sales that exceed a certain sales breakpoint. This requirement that the tenant pay "percentage rent" is typically found in retail leases. To access the "Percentage Rental" screen shown in Figure 6, the abstractor clicks on the *Percentage Rent* button provided in the "Lease Information" screen. If the tenant is leasing more than one suite from the landlord, a table will appear on the screen listing each of the tenant's suites. By double-clicking on an individual suite, the abstractor can access the percentage rental fields for that particular suite.

[0092] The *Property ID*, *Lease ID*, *Suite Number*, and *Square Footage* fields are populated

automatically based on information carried forward from the "Lease Information" and "Space Information" screens previously discussed. Thus, information recorded in the *Property ID* and *Lease ID* fields should match that recorded in the *Property ID* and *Lease ID* fields of the "Lease Information" screen. Information recorded in the *Suite Number* field should match that recorded in the *Suite Number* field of the "Space Information" screen. Information recorded in the *Square Footage* field should match that recorded in the *Rentable Square Footage* field of the "Space Information" screen.

[0093] The *Lease Y/E Month* field records the month in which each lease year during the lease term ends. The lease year end month is especially important if the tenant is paying percentage rent annually, for it represents the end of the percentage rent lease year and the time when the tenant has to take stock of the gross sales for the entire lease year and report the same to the landlord. The amount of percentage rent that the tenant is required to pay to the landlord depends on the tenant's report of gross sales.

[0094] The *Paid In Month* field records the month in which the tenant's payment of percentage rent is due. While the lease year may end in October, for example, the tenant may not be required to pay percentage rent for the preceding year until some future date indicated in the lease. The lease generally grants the tenant a specified amount of time within which to prepare and deliver to the landlord a report of gross sales for the preceding pay period. If the tenant pays percentage rent annually, then the tenant must generally prepare and deliver to the landlord an annual gross sales report. If the tenant pays percentage rent quarterly, then the tenant must generally prepare and deliver quarterly reports of gross sales. The tenant pays percentage rent based upon the gross sales in these

reports.

[0095] The *Lease Year Defined* field records the period for which percentage rent must be paid under to the lease. Percentage rent is typically based on either a calendar year, lease year, or fiscal year. A lease year for percentage rent purposes is *not* necessarily equivalent to the year of the lease for lease term purposes. For example, if the lease has a term of 10 years, and the lease commencement date is 6/1/95, then the first year in the lease term will begin on 6/1/95, the second year in the lease term will begin on 6/1/96, and so on. However, the percentage rent lease year may not follow the same pattern. If the lease year is defined as a calendar year, for example, the first lease year will commence on 6/1/95 and will end on 12/31/95, the second lease year will commence on 1/1/96 and will end on 12/31/96, and so on. Thus, while there are 10 years in the lease term (6/1/95 – 5/30/05), there are *eleven* lease years—the first and last lease years being partial lease years. The *Billing Cycle* field records how often the tenant is required to pay percentage rent. Percentage rent is typically paid either monthly, quarterly, semi-annually or annually. The *Percentage Rent Type* field indicates whether the tenant is paying either percentage rent in lieu of base rent, or overage rental.

[0096] The *Natural Breakpoint* field records whether the percentage rent breakpoint is natural or not natural. A “breakpoint” is the threshold amount or dividing line of gross retail sales above which the tenant is required to pay percentage rent. A breakpoint that derives its value from, and is tied to, annual base rent is considered *natural*. If the breakpoint *is* natural, the abstractor records “yes” in the *Natural Breakpoint* field, performs the natural breakpoint calculation for each increase in annual base rent, and then records the results

in the *Breakpoint Changes* fields. For example, if the tenant is paying \$10,000 in fixed annual rent, 3% in percentage rent, and the breakpoint is natural, then the breakpoint is calculated by dividing annual rent by the percentage (\$10,000 divided by 0.03) to yield a breakpoint of \$333,333.33. In this case, the tenant must pay the landlord every lease year 3% of any gross sales that exceed \$333,333.33 per annum.

[0097] If the first or last year in a lease is a less than a full lease year, the *Partial Lease Year Incl.* field records whether this partial lease year is included in or excluded from the first full lease year.

[0098] The *Interim Report Due* and *Annual Report Due* fields refer to how often the tenant must report on gross sales made during each lease year, and how many days the tenant must prepare the report after the end of each reporting period. In most cases, the tenant is not only required to prepare an annual gross sales report, but is also often required to prepare an interim report of gross sales, usually quarterly or monthly. If an annual report is required, the abstractor records in the *Annual Report Due Within* field the number of days after the end of each lease year before which the tenant must report annual gross sales. If interim reports of gross sales are required, the abstractor records in the *Interim Report Due* field how often such reports are due, and in the *Within* field, the number of days after the end of each interim period before which such reports must be submitted.

[0099] If the percentage rent breakpoints change at any time in the future, the abstractor records the date of such change in the *Effective Date* field and the amount of such change in the *Amount* field, starting with the initial breakpoint amount. The bump dates for the breakpoints depend on whether percentage rent is paid on a lease year, calendar year, or

fiscal year basis. If percentage rent is paid on a calendar year basis, then the breakpoints bump on 1/1. If percentage rent is paid on a lease year basis, then the breakpoints generally bump either on the anniversary of the commencement date or on the anniversary of the first day of the month following the commencement date. If percentage rent is paid on a fiscal year basis, then the breakpoints bump on the first day of every fiscal year, as defined in the lease.

[0100] In the *Percentage* and *Above* fields, the abstractor records the current percentage and current breakpoint that the tenant is required to pay. In some cases, the tenant is required to pay different percentages on different breakpoints. For example, the lease may require the tenant to pay percentage rent on 4% of all gross sales above \$1 million, 3% of all gross sales above \$1.5 million, and 2% of all gross sales over \$2 million. Any other significant information pertaining to percentage rent is recorded in the *% Rent Notes* field.

Indexing the Lease Document

[0101] At this point, before continuing with the lease abstracting process, the abstractor indexes the lease document as described below. From the "Lease Information" screen, the abstractor selects the *Index Lease* button to electronically enter the entire lease document into the System. While this step may be performed at any stage of the lease abstracting process, the non-financial clauses of the lease (discussed below) are generally abstracted more efficiently and accurately when the lease document is first electronically indexed.

[0102] The lease document is electronically entered into the System's central database in a "Lease Document" screen shown in Figure 7. The lease document may be entered either manually from the abstractor's computer workstation, by scanning, or by any other suitable

input means. Once in the System, the lease document is saved in a specified format, such as a Rich Text Format (".rtf"). The formatted lease document is then attached to a corresponding lease record using the *Indexed* button on the "Lease Document" screen. The *Filename* field identifies the electronic lease record for the current lease document being indexed.

[0103] Each tag includes an *Index ID* code identifying a particular subject matter or lease clause category. For example, *Index ID* code "44" identifies the "Assign/Sublease" clause of the lease document shown in Figures 7 and 8. A computer program is employed to electronically link the tagged sections of the lease document to respective clause categories in the *Index ID* field. Thus, by selecting the "Premises" clause in the *Type* field, the System automatically displays this lease category in the *Notes* field. Then, by double-clicking within the *Notes* field, the System captures the tagged lease clause linked to the "Premises" category for the given lease document, and displays the entire text of this clause within a separate window appearing simultaneously within the *Notes* field. This feature of the System is referred to as *drilling down* into the document.

[0104] In a further application, a single character tag may be inserted at several different locations throughout different sections of the lease document. For example, relevant text relating to the issue of property insurance may be buried within multiple sections of a particular lease document. In this case, the abstractor can tag each relevant phrase, sentence, or sentences relating to property insurance occurring throughout the entire text of the document. Then, by selecting the "Property Insurance" category in the *Type* field and double-clicking in the *Notes* field, as previously described, the System will interrogate the

lease document employing the property insurance character tag and computer program to capture and display all tagged sections of the document relating to this subject matter. The result is a concatenation of document text relating to a specific subject matter and displayed to the user in isolation, separate and apart from all other text of the lease document unrelated to this subject matter.

[0105] The System employs basic computer programming to capture and display all tagged sections and electronically link the tagged sections to respective clause categories in the *Index ID* field. In a windows or web-based environment, XML or other suitable markup language is used to capture, display, and link the tagged sections to their corresponding clause categories.

Non-Financial

[0106] After indexing the lease document, as described above, the abstractor clicks on the *Non-Financial* button in the "Lease Information" screen to access a "Non-Financial (Legal) Information" screen shown in Figures 8 and 9. This screen provides access to the non-financial fields of the System. The *Type* field refers to the category of non-financial clause in the lease being abstracted. Examples of lease clause categories include *Holdover, Recapture, Tenant Use, Termination, Relocation, Common Areas, and Tenant Expansion*. In the *Notes* field, the abstractor provides a brief summary of the lease clause in layman's terms. For example, a typical *Assignment & Subletting* clause indicates whether the tenant is allowed to assign its interest in the lease or to sublet the whole or any part of the leased property, and whether the landlord's consent is necessary. This information is recorded in the *Notes* field in a clause summary prepared by the abstractor.

[0107] In order to provide a more accurate and complete summary of the lease clause, the abstractor may elect to *drill down* into the lease document, as previously discussed, by double-clicking within the *Notes* field to simultaneously display the exact text of the lease clause within a separate window, as shown in Figure 8. From this single screen, the abstractor can readily prepare the clause summary by cutting and pasting relevant portions of the lease clause. The abstractor can also easily compare a previously prepared summary to the actual text of the lease.

[0108] The *Status* field of the “Non-Financial” screen records the current legal status of the particular non-financial clause. Possible status types include *ACT* (active), *EXR* (exercised), *EXP* (expired), or *NOT* (not exercised). The “active” status applies to a non-financial clause that is active and still operative. For example, if the lease grants to the tenant the right to assign the tenant’s rights under the lease at any time, then this right will be active throughout the term of the lease. The “exercised” status applies to a non-financial clause that has been exercised. For example, if the lease grants the landlord the right to relocate the tenant one time during the term of the lease and the landlord has already relocated the tenant once during the term, then this clause has been exercised. The “expired” status applies to a non-financial clause that was only active for a certain amount of time, which time has now passed. For example, if the lease granted the tenant the right to terminate at the start of the third lease year, and the tenant is currently in the fourth lease year, then the status of this clause is expired. The “not exercised” status applies to a non-financial clause that either the landlord or the tenant chose not to exercise.

[0109] The *Future Condition* field records any restrictions placed on the exercise of the non-

financial clause. Types of future conditions include *MKT* (market rate), *M90* (90% of Market rate), *M95* (95% of market rate), *FIX* (fixed rate), *CON* (contingent), and *TXT* (see text). “Market rate” status applies when the tenant is required to pay the market rate upon the exercise of the particular non-financial clause. For example, if the lease grants the tenant the right to expand its premises into a contiguous space at the market rate, the future condition would be *MKT*, or market rate. “90% of market rate” applies when the tenant is required to pay 90% of the market rate upon the exercise of the particular non-financial clause. “95% of market rate” applies when the tenant is required to pay 95% of the market rate upon the exercise of the particular non-financial clause. “Fixed rate” applies when the tenant is required to pay a fixed rate upon the exercise of the particular non-financial clause. “Contingent” applies to tenant restrictions, such as exclusives, radius, use and signage, where the non-financial clause will only take effect provided certain predetermined conditions occur first. If no available future conditions apply, the *TXT* option is selected with the future condition being explained in the *Notes* field.

Contacts

[0110] After abstracting the non-financial items of the lease, the abstractor clicks on the *Back* button to return to the “Lease Information” screen. From this screen, the abstractor selects the *Contacts* button to access the fields in the “Contacts for Lease” screen shown in Figure 10. The lease contacts are the names and addresses of individuals material to the execution and administration of the lease.

[0111] The *Contact Type* field indicates the specific individual or entity associated with the tenant’s lease. Contact types include the billing contact, tenant contact, landlord contact,

guarantor contact, corporate contact, legal contact, broker contact, and other. The *Contact Name* field records the name of the entity to which correspondence directed to the contact should be addressed. The *Contact Address* fields are reserved for recording the address of each contact, and other such information including the contact's phone number, fax number, and web address. The *Billing Contact* field records the name of the individual to whom any correspondence directed to the contact should be addressed.

Lease Issues

[0112] After completing the contact information, the abstractor returns to the "Lease Information" screen and then selects the *Lease Issues* button to access the "Lease Issues" screen shown in Figure 11. The *Lease Issue Notes* field is reserved for any miscellaneous or problem questions surrounding the lease that should be brought to the attention of the System user.

Renewal Option Detail

[0113] After recording any lease issues, the abstractor selects the "X" button to exit the "Lease Issues" screen and return to the "Lease Information" screen. From this screen, the abstractor clicks on the *Renewal Options* button to access the "Renewal Options Detail" screen shown in Figure 12.

[0114] The *Property ID* and *Lease ID* fields in this screen are populated automatically using information previously entered into the System. The *Status* field refers to the current legal status of the particular non-financial record. Possible status types include *ACT*(active), *EXR* (exercised), *EXP* (expired), or *NOT* (not exercised), as previously described. The *Future Condition* field records any restrictions placed on the exercise of the non-financial clause.

Types of future conditions include *MKT* (market rate), *M90* (90% of Market rate), *M95* (95% of market rate), *FLX* (fixed rate), *CON* (contingent), and *TXT* (see text).

[0115] The *Type* field records the specific type of option that the tenant has under the lease. Tenant either has an option to renew the lease term at some time in the future, or has exercised a past option to renew and is now in an extension term. An option is the right to renew or extend the term of the lease in the future. An extension represents an already-exercised option to extend the term of the lease beyond the natural expiration of the lease term. A renewal represents the extension of the Lease term through the execution of a whole new lease. An automatic renewal represents a lease that renews itself automatically. The lease term will generally continue automatically into extended terms unless the tenant notifies the landlord in advance of its intention to terminate the lease.

[0116] If the tenant holds an option to renew or extend the term of the lease, then the *Notice* field records the number of days prior to the end of the current lease term before which the tenant must notify the landlord of its desire to exercise the option. If the lease is one that renews automatically, then the *Notice* field records the number of days prior to the end of the current lease term before which the tenant must notify the landlord of its desire to terminate the lease. The *Term* field records the length of the tenant's option, renewal, extension, or automatic renewal period.

[0117] If the tenant holds an option to renew or extend the lease, then the *Option Start Date* field records the date on which the option period, if the option is exercised, is to begin. If the tenant holds an option to renew or extend the lease, then the *Option End Date* records the date on which the option period, if the option is exercised, is to end. If the tenant holds

an option to renew or extend the term of the lease, then the *Exercise Start Date* records the very first date on which the tenant can exercise its option. The *Exercise End Date* field represents the very last day on which the tenant can exercise its option to renew or extend the term of the lease. If the tenant has an option to renew or extend the term of the lease, the *Notify Start Date* field records the date before which the landlord must notify the tenant about its option. The *Respond End Date* field records the date by which the tenant must respond to the landlord's notification. The *Initial Min. Rent* field records the amount of minimum rent that the tenant must pay at the commencement of the option period.

[0118] In the *Option Rental Dates* fields, the abstractor records the minimum rent for the entire period of the option, renewal, or extension term. The amount of minimum rent that tenant must pay at the commencement of the option period is recorded in the *Effective Date* field. If minimum rent during the option period increases at any time in the future, the date(s) of such increases are recorded in the subsequent *Effective Date* fields. The monthly amount of such increases is then recorded in the accompanying *Monthly* fields. The *Per Sq. Ft.* field records the amount of base rent that the tenant pays per square feet of the leased space. The *Annual* field records the amount of base rent that the tenant pays per year. These latter two fields are computed automatically upon entering the monthly amount of minimum rent.

[0119] The *Ending Rental PSF* button computes the amount of rent that the tenant must pay at the expiration of the natural term. This computation is made only when the future condition is market, 95% of market, or 90% of market. Any other fact pertinent to each option, renewal, or extension period is recorded in the *Comments* field.

Security Deposits

[0120] After abstracting the renewals for the lease and returning to the “Lease Information” screen, the abstractor selects the *Security Deposits* button to access the “Security Deposits” screen shown in Figure 13.

[0121] The *Form of Deposit* field records the type of security deposit that tenant has deposited with landlord. Three common types of lease security deposits include *SEC* (security), *LOC* (letter of credit), and *DCL* (declining letter of credit). A “security” deposit is recorded if a cash security deposit used as security for the lease. A “letter of credit” deposit is recorded if a letter of credit used as security for the lease. A letter of credit is an engagement by a bank or other entity made at the request of the tenant stating that the issuer will honor drafts or other demands for payment upon compliance with specified conditions. A “declining letter of credit” is recorded for letters of credit that decline in value over the term of the lease. If there is more than one type of lease deposit (for example, the lease requires that the tenant pay half of the security deposit in cash and half of the security deposit in the form of a letter of credit), then the abstractor puts the first lease deposit type (cash) in the *Form of Deposit 1* field and the second lease deposit type (letter of credit) in the *Form of Deposit 2* field.

[0122] The *Deposit Status Code* field refers to the status of the tenant’s lease deposit. Possible deposit status codes include *DUE* (due from tenant), *EXP* (letter of credit expired), *REF* (refunded), and *RCD* (received). The “due from tenant” status code applies if the landlord has not yet received the tenant’s deposit. The “letter of credit expired” status code applies to leases that require a letter of credit or a declining letter of credit security deposit

for which the letter of credit has expired and is of no further force or effect. The “refunded” status code applies to security deposits required by the lease that have been refunded to the tenant. The “received” status code indicates that the tenant’s full security deposit has been received and is still valid. If there is more than one type of lease deposit, then the abstractor populates the *Deposit Status Code* fields for each type.

[0123] The *Security Amount* fields record the amount of the security deposit. In the *Security Deposit Notes* field, the abstractor indicates the specific section in the lease that defines the security deposit(s) and includes any unique language that describes landlord’s use of the tenant’s security deposit(s).

Late Fees/Estoppel

[0124] After entering the security deposits information, the abstractor clicks on the *Back* button to return to the “Lease Information” screen. From this screen, the abstractor selects the *Late Fees/Estoppel* button to access the “Late Fees/Estoppel” screen shown in Figure 14..

[0125] The *Late Fee Terms* field records the payment terms of the lease, and more specifically, the payment of minimum rent and other charges, and the fees associated with the late payment of such charges. Examples of payment terms include *NET*, *N05*, *N10*, *N15*, *N20*, and *N30*. If the late fee terms according to the lease are “Net”, then the tenant has no grace period for the payment of rent or other charges. In other words, the late fee begins to accrue on the very first day following the due date for such rent or other charge. If the terms are “N05”, then the tenant has a 5-day grace period for late payments. If the tenant fails to pay rent or other charge within 5 days after the due date, then the late fee begins to accrue on the 6th day. If the terms are “N10”, then the tenant has a 10-day grace period.

If the terms are "N15", then the tenant has a 15-day grace period. If the terms are "N20", then the tenant has a 20-day grace period. If the terms are "N30", then the tenant has a 30-day grace period. In the *Late Fee Notes* field, the abstractor records the penalty that the tenant incurs for the late payment of rent, the penalty for a check returned for insufficient funds (*NSF Fee*), and any default interest.

[0126] The lease may require the tenant to execute, acknowledge, and deliver to the landlord, within a prescribed number of days, an estoppel certificate verifying that the lease is in full force and effect. In the *Estoppel Required* field, the abstractor records whether such a letter is ever required of the tenant. In the *Estoppel Notes* field, the abstractor explains when the tenant must deliver the estoppel letter, and any other relevant facts.

Lease Information Reporting

[0127] Once the lease is abstracted, as described above, subsequent users of the System can create any number of customized reports for leases stored in the System's central database. Conventional computer programming enables the System to group together various fields within a single lease record, or within multiple lease records for a single tenant, landlord, or property, or within multiple lease records for multiple tenants, landlords, or properties. Preferably, the database is accessible by multiple users via a global communications network, such as the Internet.

[0128] An electronic information management system for abstracting and reporting contract information is described above. Various details of the invention may be changed without departing from its scope. Furthermore, the foregoing description of the preferred embodiment of the invention and the best mode for practicing the invention are provided

for the purpose of illustration only and not for the purpose of limitation—the invention being defined by the claims.

100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000